**Index of Claims** 

Applicat	tion/Con	itrol No.
----------	----------	-----------

10/717,049

Examiner

Deborah C. Lambkin

Applicant(s)/Patent under Reexamination

MARTIN ET AL.

Art Unit

1626

Rejected **Allowed** 

(Through numeral)
Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

_Cla	aim	ļ	Date									•	Claim			Date							
Final	Original	1	888				•				· .		Final	Original	18								
	1	Ī	~											51	~			,					
	2	T	Т									]		52	1					L			
	3													53	$\perp$								
	4	I	L			L					L			54	Ш	L						Ш	
	5		L				·				L			55	Ш					$oxed{oxed}$	$oxed{oxed}$	Ш	$\sqcup$
	6											]		56	Ш					乚		Ш	
	7	1	$\perp$		<u> </u>				Ŀ	<u> </u>	$ldsymbol{ld}}}}}}$	]		57	Щ		L			_		Ш	
	8	1	1		<u> </u>	_		<u> </u>	L	L	╙	Į		58	Щ	乚			L_	L	匚	Ш	Щ
	9	ļ	$\perp$			<u> </u>		<u> </u>	L		_	Į		59	Ц	<u> </u>			L_		L	Ш	
	10	ļ	1		<u> </u>	_	_	_	<u> </u>	<u> </u>	<u> </u>	Į		60	Щ	L	_	_	╙	Ļ	_	Ш	
	11	ļ	L		L	L.	$oxed{oxed}$	_		Ŀ	乚			61	Ц	L.	<u> </u>	_			L.	Ш	
	12	ļ	$\perp$		<u> </u>	<u> </u>	<u> </u>	<u> </u>	L.	L	<u> </u>	Į		62	Ш	<u> </u>	_	_	_	<u> </u>	_	Ц	
	13	1	L		<u> </u>	_	_	L	_	_	<u> </u>			63	Н	<u> </u>	<u> </u>		_	┞	╙	Н	$\dashv$
	14	1	Ļ		<u> </u>	<u> </u>			_	_	_		<u> </u>	64	Н	<b>├</b> _	<u> </u>	_	<u> </u>	<u> </u>	_		$\dashv$
	15	1	₽	_	L	<u> </u>	_		_	<u> </u>	<u> </u>		<u> </u>	65	Н	<u>,                                    </u>	<u> </u>		╙	┡	L	Ш	
	16	1	Ļ	<u> </u>	↓_	<b>├</b>	<u> </u>	<u> </u>	<u> </u>	1_	┡	1		66	业	1—	┡	$\vdash$	_	-	<u> </u>	Н	$\dashv$
	17	1	╀	L	┞-	<u> </u>	┡	<u> </u>		<u> </u>	<u> </u>			67	ļ	<u> </u>	<u> </u>	H	_	-	<u> </u>	Н	$\dashv$
	18	1	╀	_	ļ	<u> </u>	<u> </u>	<u> </u>	_	_	_	ł		68	┡	┡	ļ.,	⊢	⊢	├-		$\vdash$	$\dashv$
	19	1	╀	_	┞	-	<u> </u>	<u> </u>	_	L	ļ	ł	<u> </u>	69	⊢	┡	ļ	⊢	┡	┡	L		-
	20	1	╀	_	┝	-		<u> </u>	$\vdash$	<u> </u>	-	ł	-	70	┡	⊢	⊢	-	_	├-	├	-	$\dashv$
	21	+	1	_	┡	₩.	<u> </u>	<u> </u>	_	⊢	-	ł		71	⊢	├	⊢	<del> </del>	⊢	⊢	⊢	L	$\dashv$
	22	4	+	_	<u> </u>	-	┡	⊢	⊢	⊢	-	ł	├	72	⊢	├	<u> </u>	-	⊢	⊢	├	H	
	23	ļ	+	_	┡	├-	⊢	⊢	┡	⊢	⊢	ł	<u> </u>	73	┡	$\vdash$	_	<u> </u>	⊢	-	⊢	-	-
	24	+	4	<u> </u>	┡	├	$\vdash$	⊢	⊢	⊢	⊢-	-	<u> </u>	74	┝	┢	-		┝	┢	├	-	$\vdash$
	25	4	4	<u> </u>	┞	<b>├</b>	├_	├	<u> </u>	<u> </u>	ļ.,	1	<b></b>	75	-	-	├—	$\vdash$	⊢	-	├-	Н	
	26	╀	4	_	-	├	┡	┡	<u> </u>	▙	ļ	1	<u> </u>	76	-	⊢	├	<del> </del>	⊢	⊢	┝	⊢	$\dashv$
	27	4	_		-	-	-	⊢	_	⊢	_	-	<u> </u>	77	-	├-	⊢		├-	⊢	⊢	_	$\vdash$
	28	+		_	┡	├	$\vdash$	$\vdash$	<u> </u>	<u> </u>	├-	-	<b></b>	78	┞	┝	_	<u> </u>	├-	╀	⊢	Н	
	29	+	-	<u> </u>	⊢	⊢	⊢	┢	⊢	⊢	-	1	<u> </u>	79	┡	⊢	-	<del> </del>	⊢	-	-	$\vdash$	$\vdash$
	30	+	4	┝	├-	├	⊢	├	├-	<u> </u>	┝	ł		80	Ͱ	├	⊢		⊢	⊢	├-		$\vdash$
	31	╀	4		-	-	├	┢	-	⊢	┢	ł		81	-	-	-		1—	╌	├	-	Н
	32	+	+	<u> </u>	⊢	<u> </u>	├	┢	<u> </u>	⊢	⊢	ł	<u> </u>	82 83	╀	┝	⊢	<del>      </del>	$\vdash$	-	-	-	Н
	33	+	+	├	├-	├	┝	├	⊢	⊢	-	4			├	⊢	<del> </del>	⊢	-	╀	$\vdash$	$\vdash$	_
	34	+	+	$\vdash$	$\vdash$	╀	╁	$\vdash$	-	╁	┼	┨		84	$\vdash$	╁	-	⊢	⊢	$\vdash$	┢	$\vdash$	$\vdash$
	35	╀	╀	-	$\vdash$	-	⊢	-	$\vdash$	$\vdash$	⊢	┨	<u> </u>	85 86	$\vdash$	$\vdash$	$\vdash$	⊢	$\vdash$	╁	$\vdash$	$\vdash$	
	36 37	+	╀	⊢	-	-	├-	-	$\vdash$	-	├-	{	<del> </del>	87	$\vdash$	₩	$\vdash$	<b> </b>	$\vdash$	┢	┢	$\vdash$	Н
	38	+	+	-	⊢	$\vdash$	╁	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1		88		┼	-		$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash\vdash$
	39	+	+	$\vdash$	┼	$\vdash$	$\vdash$	$\vdash$	├	╁	$\vdash$	{	$\vdash$	89	╁	$\vdash$	<del> </del>	$\vdash$	╁	╁	$\vdash$	$\vdash$	$\vdash$
	40	+	+	-	$\vdash$	1	+	1	+	$\vdash$	$\vdash$	┨	<u> </u>	90	$\vdash$	$\vdash$	1	-	$\vdash$	╁	$\vdash$	$\vdash$	
	41	+	۲	┝	╁	1	-	-	<del>أ</del>	┼─	╁╴	1		91	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	╁	╁	$\vdash$	$\vdash$
	42	+	+	-	+-	+	$\vdash$	╁	$\vdash$	$\vdash$	$\vdash$	1	<del> </del>	92	╁	⊢	╁	┢	$\vdash$	┢	┢		$\vdash$
-	43	t	+	⊢	╁	+	$\vdash$	$\vdash$	╁	┼	╁	1		93	╁	╁	<del> </del>	一	<del>  -  </del>	╁	╁	┢	$\vdash$
	44	+	+	┝	$\vdash$	+	$\vdash$	<del>  -</del>	$\vdash$	$\vdash$	$\vdash$	1	<del> </del>	94	$\vdash$	$\vdash$	+	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$
	45	$^{+}$	╁	┝	十	1-	$\vdash$	╁	╁	╁	╁	1	<del>                                     </del>	95	+	$\vdash$	$\vdash$	-	-	1-	1	$\vdash$	$\vdash$
	46	+	+	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	<del> </del>	<del> </del>	$\vdash$	1	_	96	1	$\vdash$	t	$\vdash$	-	t	+-	H	Н
	47	$^{+}$	+	-	┼─	╁	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	1	<del></del>	97	$\vdash$	t	╁	$\vdash$	$\vdash$	$\vdash$	1-	$\vdash$	Н
	48	t	+	-	╁╾	╀	╁─	1	$\vdash$	$\vdash$	╁─	1		98	$\vdash$	$\vdash$	╁	<del>                                     </del>	$\vdash$	+	$\vdash$	$\vdash$	H
-	49	+	1	-	+	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	1	<u> </u>	99	t	$\vdash$	1	-	一	+-	$t^-$	$\vdash$	$\vdash$
	50	+	$\forall$	_	1	✝	$\vdash$	$\vdash$	H	$\vdash$	1	1		100	1	T	✝	$I^-$	1	t	$\vdash$	Т	Н

Cla	aim					Date	<del></del>			$\neg$
Final	Original									
证	nig									
	0									
	101									
	102									
	103									
	101 102 103 104 105	Ų.								
	105									
	106									
	107									
	107 108 109									
	109									Ш
	110									
	111	•	L_	L						Ш
	112	$\Box$	_	_			_		$\Box$	Ш
	113		<u> </u>			L	L_	L		Ш
	114	Ш			_	_	<u> </u>		_	Ш
	110 111 112 113 114 115 116		<u> </u>	_			_	Ш	$\Box$	Ш
	116	$oxed{oxed}$	<u> </u>	<u> </u>	Ш	_	<u> </u>	L_		Ш
	117			L		_	_			Ш
	118 119	Ш	_	L.,						Ш
	119	_	`	L			<u> </u>		_	Ш
	120	<u> </u>		<u> </u>	_	_				Щ
	121	_	<u> </u>	<u> </u>	_					Ш
	122	_	L			<u> </u>	<u> </u>	_		Щ
	123		L	<u> </u>	ļ	_	<u> </u>	_		Щ
	121 122 123 124 125 126 127 128 129 130	_	<u> </u>	_	_	_	<u> </u>			$\square$
	125			_		<u> </u>		_	_	Щ
	126	_	┡	<u> </u>		_	⊢	_	<u> </u>	$\sqcup$
	127		<u> </u>	<u> </u>	ļ	L	⊢			Н
	128	<u> </u>		⊢	H		⊢		H	$\vdash \dashv$
	129	H	┝	-	_	⊢	├	⊢	⊢	$\vdash \vdash$
	130	-	⊢	-	-	_	⊢	_	_	$\vdash \vdash$
	131	H	⊢	⊢		⊢	⊢	_	_	$\vdash \dashv$
	132 133 134	-		⊢	H	├-	<del> </del>	_	_	Н
	133	_	$\vdash$	$\vdash$	$\vdash$	-	⊢		⊢	Н
	134	$\vdash$	$\vdash$	-	$\vdash$	⊢	$\vdash$	-	├	Н
<del></del>	135 136	-	$\vdash$	$\vdash$	<del> </del>	├	$\vdash$	$\vdash$	$\vdash$	$\vdash$
	130		⊢	1	$\vdash$	$\vdash$	-	⊢	$\vdash$	$\vdash\vdash$
	138	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┢	Н
	137 138 139	-	$\vdash$	$\vdash$	$\vdash$	├	⊢	├	$\vdash$	$\vdash$
	140	H	⊢	┢	-	┢╾	-	-	-	Н
-	141	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┢╌	$\vdash \vdash$
_	142	┢	$\vdash$	$\vdash$	$\vdash$	$\vdash$	╁	$\vdash$	$\vdash$	Н
	143	$\vdash$	$\vdash$	┢	$\vdash$	$\vdash$	$\vdash$	-	<del>  -</del>	$\vdash$
$\vdash$	144	$\vdash$	1	$\vdash$	<del>                                     </del>	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	Н
$\vdash$	145	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	1	-	_	Н
	146	$\vdash$		├-	$\vdash$	$\vdash$	1	-	⊢	Н
<b></b> -	147	<del> </del>	$\vdash$	┢	$\vdash$	$\vdash$	⊢	-	$\vdash$	$\vdash$
-	148	$\vdash$	╁	$\vdash$	$\vdash$	⊢	<del> </del>	├-	$\vdash$	$\vdash$
_	149	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┢═	$\vdash$	┢	$\vdash$	$\vdash$
$\vdash$	150		$\vdash$	+-	$\vdash$	-	-	<del> </del>	$\vdash$	Н
ш	1 100			Ц_	<b></b>	Щ.	Ц	Щ	Ц	ш